SUBMISSION ID: 423109

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

Greene

COUNTY: Greene DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD
STATION CODE: 581

MONITORING PERIOD : 2014-05-01 To: 2014-05-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus Total in Sludg	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2014-05-01							
2014-05-02							
2014-05-03						<b></b>	
2014-05-04				8		<b></b>	_
2014-05-05 2014-05-06		***************************************				<b></b>	
2014-05-07					***************************************		
2014-05-08						<b></b>	
2014-05-09							
2014-05-10							
2014-05-11							
2014-05-12							
2014-05-13							
2014-05-14						<b></b>	
2014-05-15 2014-05-16		***************************************			***************************************	<b></b>	
2014-05-17						<b></b>	
2014-05-18						<b></b>	
2014-05-19							
2014-05-20							
2014-05-21							
2014-05-22							
2014-05-23		***************************************					
2014-05-24				<b></b>			
2014-05-25		***************************************				<b></b>	
2014-05-26 2014-05-27	-					<b>-</b>	
2014-05-28						<b> </b>	_
2014-05-29							
2014-05-30							
2014-05-31							
Minimum							
Maximum		30000000000000000000000000000000000000	000000000000000000000000000000000000000		000000000000000000000000000000000000000		000000000000000000000000000000000000000
Average							
Count							
Name of Responsible I certify under the penalty of law that I Official or Authorized have personally examined and am familiar with the information submitted herein and based on my					f Responsible zed Represent		Submission Date/Time
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			te			Certification Version Date 2014-07- 15 19:07	

Page 1

Original

2014-05-01 To: 2014-05-31

SUBMISSION ID: 423109 STATUS:

Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd **FACILITY:** 1IN00305\*AD **PERMIT NUMBER:** 

LOCATION: **STATION CODE:** 581 **MONITORING PERIOD:** 

Fairborn, OH 45324 COUNTY: Greene **REPORTING LAB:** 

DISTRICT: SWDO ANALYST:

	NO DISCHARGE INDICATOR: AL						
PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	n Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2014-05-01				-			
2014-05-02							
2014-05-02		<u></u>					
2014-05-04		<b></b>					
2014-05-05		<b>§</b>		***************************************			
2014-05-06		<u> </u>					
2014-05-07							
2014-05-08							
2014-05-09							
2014-05-10							
2014-05-11							
2014-05-12							
2014-05-13							
2014-05-14							
2014-05-15							
2014-05-16							
2014-05-17							
2014-05-18		<u></u>					
2014-05-19							
2014-05-20	***************************************			***************************************			
2014-05-21		<b></b>					
2014-05-22							
2014-05-23							
2014-05-24 2014-05-25							
2014-05-26							
2014-05-27							
2014-05-28							
2014-05-29							
2014-05-30	***************************************	<u> </u>		***************************************		***************************************	
2014-05-31		***************************************		***************************************			
Minimum							
Maximum	000000000000000000000000000000000000000			***************************************			
Average						000000000000000000000000000000000000000	
Count							
Name of Resp Official or Aut Representa	horized <sub>have p</sub> itive familia	ry under the per ersonally exam ar with the infor tted herein and	rmation	I Signature of Author	of Responsible ( ized Represent		Submission Date/Time
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				9			Certification Version Date 2014-07- 15 19:07

Page 2

Original

2014-05-01 To: 2014-05-31

SUBMISSION ID: 423109 STATUS:

Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd **FACILITY:** 1IN00305\*AD **PERMIT NUMBER:** 

LOCATION: **STATION CODE:** 581 **MONITORING PERIOD:** Fairborn, OH 45324

COUNTY: Greene **REPORTING LAB:** 

DISTRICT: SWDO ANALYST: **NO DISCHARGE INDICATOR:** ΑL

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenur Sludge	n In
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING TYPE	Composite	Total	Total	Composite	Composite	Composit	e
2014-05-01							
2014-05-02						i	
2014-05-03							
2014-05-04							
2014-05-05							
2014-05-06							
2014-05-07							
2014-05-08							
2014-05-09							
2014-05-10							
2014-05-11							
2014-05-12			<b>_</b>			<b></b>	
2014-05-13			<b>_</b>			<b></b>	
2014-05-14	ļ					<b></b>	
2014-05-15						<b>.</b>	
2014-05-16			<b>_</b>			<b> </b>	
2014-05-17							
2014-05-18						<b> </b>	
2014-05-19	<b></b>					<b> </b>	
2014-05-20 2014-05-21				***************************************		<b></b>	
2014-05-21						<del> </del>	
2014-05-23							
2014-05-24							
2014-05-25			<b>†</b>				
2014-05-26							
2014-05-27							
2014-05-28						<b>i</b>	
2014-05-29							
2014-05-30		***************************************	***************************************	***************************************	***************************************		***************************************
2014-05-31							
Minimum							
Maximum		***************************************					
Average		000000000000000000000000000000000000000					000000000000000000000000000000000000000
Count		000010000000000000000000000000000000000		***************************************	6 20100000000000000000000000000000000000	B	000000000000000000000000000000000000000
	onsible I certify	runder the ne	nalter of large that	I Signaturo o	f Responsible	Official or	Submission
Official or Aut	horized have no	unuer me pe	many or law man	Author	ized Represent	ativo	Date/Time
Official or Authorized have personally examined and am Representative familiar with the information				Author	izea Kepieseiii	.acive	•
Represente	gramma						
000000000000000000000000000000000000000		ed herein and		8	***************************************		000000000000000000000000000000000000000
inquiry of those individuals							
immediately responsible for obtaining the information, I believe the						Certification	
						Version Date	
Druce D	submitt	ed information	n is true, accurat	e			
pruce B	ailey and con	nplete. I am av	vare that there				2014-07-
	are sigi	nificant penalt	ies for submittin	g <b>l</b>			15 10.07
		formation, inc		-			15 19:07
			l imprisonment.				

Page 3

 SUBMISSION ID:
 423109
 STATUS:
 Original

 FACILITY:
 Dovetail Energy LLC - Anaerobic Digestion Facility
 PERMIT NUMBER:
 1/N00305\*AD

LOCATION: 1146 Herr Rd STATION CODE: 584

Enitherry ON 45224 MONITORING PERIOD:

Fairborn, OH 45324

COUNTY:

Greene

MONITORING PERIOD:
2014-05-01 To: 2014-05-31
REPORTING LAB:

DISTRICT: SWDO ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphore Total in Sluc	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composit	e Composite
2014-05-01							
2014-05-02							
2014-05-03							
2014-05-04						<b></b>	
2014-05-05			<b>_</b>			<b>_</b>	
2014-05-06			<u> </u>			<b></b>	
2014-05-07 2014-05-08	***************************************					<b>!</b>	
2014-05-09						<b></b>	
2014-05-10						<b> </b>	
2014-05-11							
2014-05-12							
2014-05-13							
2014-05-14							
2014-05-15							
2014-05-16							
2014-05-17		***************************************					
2014-05-18		***************************************				<b></b>	
2014-05-19			<b>.</b>			<b> </b>	
2014-05-20			<b>_</b>			<b> </b>	
2014-05-21						<b> </b>	
2014-05-22							
2014-05-23 2014-05-24						<b>.</b>	
2014-05-25			1			<del> </del>	
2014-05-26							
2014-05-27			<b>-</b>	<b>1</b>		<b></b>	
2014-05-28						<b> </b>	
2014-05-29							
2014-05-30							
2014-05-31							
Minimum							
Maximum							
Average							
Count		000000000000000000000000000000000000000					
Name of Resp	onsible I certif	y under the pe	nalty of law that	Signature o	f Responsible zed Represent		Submission Date/Time
Representa	horized have postive	ersonany exam	imed and am	Authori	zeu nepieseiii	.utive	ar w. a.w., 1 1111100
rehieselle	\$ramma	r with the info					
		ted herein and					
	inquiry	of those indiv	nauais			I	
immediately responsible for obtaining			9		I	Certification	
	the information, I believe the			.			<b>Version Date</b>
Bruce R	ailevisubmit	ted informatioi	n is true, accura	te (		I	2014 07
Diuce D	ailey and con	npiete. I am av	ware that there				2014-07-
			ies for submittin	ig 🛮		I	15 19:07
		formation, inc					
000000000000000000000000000000000000000	possibility of fine and imprisonment.						

Page 4

SUBMISSION ID: 423109 STATUS: Original Dovetail Energy LLC - Anaerobic Digestion Facility **FACILITY: PERMIT NUMBER:** 

1IN00305\*AD LOCATION:

**STATION CODE:** 584 1146 Herr Rd **MONITORING PERIOD:** Fairborn, OH 45324

COUNTY: Greene **REPORTING LAB:** 

DISTRICT: SWDO ANALYST: **NO DISCHARGE INDICATOR:** ΑL

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	In Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composit	e Composite
2014-05-01							
2014-05-02		<u></u>		***************************************			
2014-05-03							
2014-05-04		<b>-</b>	<b></b>				
2014-05-05							
2014-05-06 2014-05-07		<b>-</b>	<b></b>				
2014-05-08							
2014-05-09		<b>!</b>					
2014-05-10							
2014-05-11							
2014-05-12							
2014-05-13							
2014-05-14							
2014-05-15							
2014-05-16							
2014-05-17		<u> </u>	<b> </b>				
2014-05-18		<u> </u>	<u> </u>				
2014-05-19 2014-05-20		<b></b>	<b></b>				
2014-05-20				***************************************			
2014-05-22		<b>†</b>	<b></b>				
2014-05-23		<u> </u>					
2014-05-24		1					
2014-05-25							
2014-05-26							
2014-05-27							
2014-05-28		<b>-</b>	ļ				
2014-05-29 2014-05-30	***************************************			***************************************		***************************************	
2014-05-31		<b>-</b>	<b></b>				
Minimum	<b></b>	<u> </u>					
Maximum		<b></b>	<b></b>	***************************************			
Average				000000000000000000000000000000000000000	0 2020000000000000000000000000000000000	000000000000000000000000000000000000000	
Count				***************************************		000000000000000000000000000000000000000	
	onciblo I corti	frunder the ne	alter of lase that	I Signaturo o	f Responsible (	Official or	Submission
Official or Aut			nalty of law that		ized Represent		Date/Time
Official or Authorized have personally examined and am Representative familiar with the information				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	picselle		•
	grunnin	tted herein and					
000000000000000000000000000000000000000		rted herein and y of those indiv		800000000000000000000000000000000000000	000000000000000000000000000000000000000		***************************************
immediately responsible for obtaining the information, I believe the submitted information is true, accurate						Certification	
						<b>Version Date</b>	
Bruce R	ailev	mplete. I am aw	i is true, accurate	•			2014-07-
	y and co	mificant nanciti	os for submitting				2014-01-
		nformation, incl	es for submitting	1			15 19:07
		ility of fine and					
	hozzm	miny or time allu	miprisomilent,		***************************************		

Page 5

2014-05-01 To: 2014-05-31

Original

2014-05-01 To: 2014-05-31

SUBMISSION ID: 423109 STATUS:

Dovetail Energy LLC - Anaerobic Digestion Facility 1146 Herr Rd **FACILITY:** 1IN00305\*AD **PERMIT NUMBER:** 

LOCATION: **STATION CODE:** 584 **MONITORING PERIOD:** 

Fairborn, OH 45324

COUNTY: Greene **REPORTING LAB:** DISTRICT: SWDO ANALYST:

	NO DISCHARGE INDICATOR: AL							
PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum in Sludge			
PARAMETER CODE	31641	51129	70316	71921	78465			
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg			
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month			
SAMPLING	Multiple Grab	Total	Total	Composite	Composite			
TYPE 2014-05-01								
2014-05-02								
2014-05-03								
2014-05-04			<del> </del>					
2014-05-05	·····							
2014-05-06								
2014-05-07								
2014-05-08								
2014-05-09								
2014-05-10								
2014-05-11								
2014-05-12								
2014-05-13								
2014-05-14								
2014-05-15								
2014-05-16								
2014-05-17								
2014-05-18								
2014-05-19								
2014-05-20								
2014-05-21								
2014-05-22	<b></b>		<b></b>					
2014-05-23								
2014-05-24								
2014-05-25								
2014-05-26	<b></b>		-					
2014-05-27 2014-05-28					<b></b>			
2014-05-28					<b></b>			
2014-05-30								
2014-05-31				***************************************				
Minimum								
Maximum		300000000000000000000000000000000000000		***************************************				
Average		000000000000000000000000000000000000000		***************************************		000000000000000000000000000000000000000	000000000000000000000000000000000000000	
Count		000000000000000000000000000000000000000						
Name of Responsible Official or Authorized Representative have personally examined and am familiar with the information submitted herein and based on my				I Signature of Author	of Responsible ( ized Represent		Submission Date/Time	
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				e			Certification Version Date 2014-07- 15 19:07	

Page 6

FACILITY: LOCATION: Dovetail Energy LLC - Anaerobic Digestion Facility

MONITORING PERIOD:

PERMIT NUMBER:

1IN00305\*AD

1146 Herr Rd

2014-05-01 To: 2014-05-31

Fairborn, OH 45324

### **PARAMETER COMMENTS:**

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
-----------------	-------------------	-------------------	------	------	---------